## INTERNATIONAL SEARCH REPORT

International application No. PCT/KR2004/001610

## A. CLASSIFICATION OF SUBJECT MATTER

# IPC7 F04D 29/54

According to International Patent Classification (IPC) or to both national classification and IPC

#### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 F04D. F28F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched KR JP: IPC as above

Electronic data base consulted during the intertnational search (name of data base and, where practicable, search terms used)

### C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages               | Relevant to claim No. |
|-----------|--|-----------------------|
| A         | US 6,398,492 B1 (Halla Climate Control Corp.) 04 JUNE 2002<br>See the whole document             | 1-7                   |
| A         | JP 10-205497 A (Zexel Corp.) 04 AUGUST 1998 See the whole document                               | 1-4                   |
| A         | US 4,548,548 A (Airflow Research and Manufacturing Corp.) 22 OCTOBER 1985 See the whole document | 1                     |
| A         | JP 02-196197 A (Daikinind Ltd.) 02 AUGUST 1990 See the whole document                            | 1-4                   |
|           |  |                       |
|           |  |                       |

| Further documents | are listed        | in the                       | continuation                        | of Box   | C.  |
|-------------------|-------------------|------------------------------|-------------------------------------|--|---|
|                   | Further documents | Further documents are listed | Further documents are listed in the | Further documents are listed in the continuation | Further documents are listed in the continuation of Box |

X See patent family annex.

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Date of the actual completion of the international search

11 OCTOBER 2004 (11.10.2004)

Date of mailing of the international search report

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Name and mailing address of the ISA/KR



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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.
PCT/KR2004/001610

| Patent document<br>cited in search report | Publication<br>date | Patent family member(s)  | Publication<br>date  |
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| US 6,398,492 B1                           | 04-06-2002          | KR 2000047329 A<br>EP 1016790 A2<br>EP 1016790 A3<br>JP 2000205194 A2<br>JP 3385336 B2 | 25-07-2000<br>05-07-2000<br>02-05-2001<br>25-07-2000<br>10-03-2003 |
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| US 4,548,548 A                            | 22-10-1985          | WO 8505408 A1 EP 183787 B1 AT 66284 E DE 3583795 CO JP 61502267 T2                     | 05-12-1985<br>14-08-1991<br>15-08-1991<br>19-09-1991<br>09-10-1986 |
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